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	4,124,887	November 7, 1978	Johnson et al.		364/107	
	4,126,762	November 21, 1978	Martin et al.		179/2A	
	4,135,213	January 16, 1979	Wintfeld et al.		358/142	
	4,142,156	February 27, 1979	Freund		325/309	
	4,145,717	March 20, 1979	Guil et al.		358/121	
	4,148,066	April 3, 1979	Saylor		358/127	
	4,156,253	May 22, 1979	Steudel		358/11	
	4,156,931	May 29, 1979	Adelman et al.		364/900	
	4,163,252	July 31, 1979	Mistry et al.		358/118	
	4,180,709	December 25, 1979	Cosgrove et al.		179/2 AM	
	4,199,656	April 22, 1980	Saylor		178/66.1	
	4,199,781	April 22, 1980	Doumit		358/83	
	4,199,909	April 22, 1980	Pasahow et al.		364/200	
	4,207,524	June 10, 1980	Purchase		375/22	
	4,214,273	July 22, 1980	Brown		358/188	
Re.	4,215,366/ 31,735	November 13, 1984 Nov. 1984	Davidson Davidson	Jul. 1980	358/124	
	4,216,497	August 5, 1980	Ishnan et al.		358/84	
	4,222,068	September 9, 1980	Thompson		358/120	
	4,225,884	September 30, 1980	Block et al.		358/122	
	4,245,246	January 13, 1981	Cheung		358/124	
	4,246,611	January 20, 1981	Davies		358/194	
	4,247,947	January 27, 1981	Miyamoto		455/38	
	4,250,521	February 10, 1981	Wright		358/8	
	4,258,386	March 24, 1981	Cheung		358/84	
	4,266,243	May 5, 1981	Shutterly		358/121	
	4,272,784	June 9, 1981	Saito et al.		358/127	
	4,273,962	June 16, 1981	Wolfe		179/7.1R	
	4,292,650	September 29, 1981	Hendrickson		358/123	
	4,295,155	October 13, 1981	Jarger et al.		358/12	
	4,301,542	November 17, 1981	Weintraub et al.		455/353	
	4,305,101	December 8, 1981	Yarbrough et al.		360/69	
	4,310,854	January 12, 1982	Beer et al.		358/143	
	4,316,217	February 16, 1982	Rifken		358/86	
	4,318,047	March 2, 1982	Dawson		328/112	
	4,323,921	April 6, 1982	Guillou		358/114	
	4,323,922	April 6, 1982	den Toonder et al.		358/117	
	4,329,711	May 11, 1982	Cheung		358/114	
	4,335,426	June 15, 1982	Maxwell et al.		364/200	
	4,340,906	July 20, 1982	den Toonder et al.		358/124	
	4,341,925	July 27, 1982	Frosch et al.		178/22.1	
	4,343,042	August 3, 1982	Schroek et al.		455/5	
	4,348,696	September 7, 1982	Bejer		358/188	
	4,351,028	September 21, 1982	Peddie et al.		364/483	
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5,067,149	November 19, 1991	Schneid et al.	379/224
5,072,418	December 10, 1991	Boutaud et al.	364/715.06
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5,083,800	January 12, 1992	Lockton	273/439
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5,108,115	April 28, 1992	Berman et al.	273/439
5,109,414	April 28, 1992	Fachner et al. <i>Harvey</i>	368/47
5,111,401	May 5, 1992	Everett, Jr. et al.	364/424.02
5,113,496	May 12, 1992	McCalley et al.	395/200
5,120,076	June 9, 1992	Luxemberg et al.	273/439
5,124,942	June 23, 1992	Nielsen et al.	395/100
5,132,992	July 21, 1992	Yurt et al.	375/122
5,133,079	July 21, 1992	Ballantyne et al.	455/4.1
5,140,419	August 18, 1992	Galumbeck et al.	358/142
5,142,677	August 25, 1992	Ehlig et al.	395/650
5,142,690	August 25, 1992	McMullan, Jr. et al.	455/6.1
5,144,664	September 1, 1992	Esseman et al.	380/20
5,148,482	September 15, 1992	Bocci et al.	380/48
5,151,789	September 29, 1992	Young	358/194
5,155,590	October 13, 1992	Beyers et al.	358/86
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5,157,716	October 20, 1992	Naddor et al.	379/92
5,164,839	November 17, 1992	Lang	358/335
5,172,413	December 15, 1993	Bradley et al.	380/20
5,181,113	January 19, 1993	Chang	358/142
5,185,796	February 9, 1993	Wilson	380/21
5,187,797	February 16, 1993	Nielsen et al.	395/800
5,191,410	March 7, 1993	McCalley et al.	358/86
5,195,092	March 16, 1993	Wilson et al.	370/94.2
5,195,134	March 16, 1993	Inoue	380/20
5,202,916	April 13, 1993	Oliver	379/106
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5,208,665	May 4, 1993	McCalley et al.	358/86
5,212,553	May 18, 1993	Maruoka	358/188
5,213,337	May 25, 1993	Sherman	273/439
5,216,504	June 1, 1993	Webb et al.	358/139
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5,222,137	June 22, 1993	Barrett et al.	380/21
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EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS/ SUBCLAS	TRANSLATION	
					YES	NO
	0 020 242	December 10, 1980	European	G09G 1/16		X
	0 035 456	September 9, 1981	European	H05B 3/72		X
	0 046 108	February 17, 1982	European	H04N 5/76		X
	0 049 184	April 7, 1982	European	G09B 7/08		X
	0 055 167	June 30, 1982	European	G09G 1/16		X
	0 056 649	July 28, 1982	European	H04N 5/44	X	
	0 077 712	April 27, 1983	European	H04N 7/00		X
	0 078 185	May 4, 1983	European	H04N 7/00		X
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	1,396,981	June 1975	United Kingdom			
	1,523,307	August 31, 1978	Great Britain	H03K 5/08	X	
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	2,067,379	July 22, 1981	Great Britain	H04L 1/24	X	
	2,090,504	July 7, 1982	Great Britain	H04N 3/16	X	
	2,103,455	February 16, 1983	Great Britain	H04N 1/00 7/12	X	
	2,496,376	June 18, 1982	France	H04N 7/00		X
	2,516,733	May 5, 1983	France	H04N 7/00		X
	2,823,175	November 29, 1979	Germany	G06F 3/12		X
	24 53 441	May 13, 1976	Germany	H04L 9/00		X
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	80/02901	December 24, 1980	France	H04N 7/16		X
	857,862	January 4, 1961	United Kingdom	40 (1)	X	
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	WO80/00292	February 21, 1980	Japan	H04N9/16		X
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT Title: Signal Processing Apparatus and Method	Attorney Docket No. 5634.315	Serial No. 08/498,002
	Applicants John C. Harvey and James W. Cuddihy	
	Filing Date: 7-Jun 95	Group: 2602

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,025,948	May 24, 1977	Loshin	358/122	
	4,031,548	June 21, 1977	Kato et al.	358/188	
	4,048,619	Sept. 13, 1977	Forman, Jr. et al.	340/154	
	4,049,906	Sept. 20, 1977	Hafner et al.	178/20	
	4,054,911	Oct. 18, 1977	Fletcher et al.	358/141	
	4,058,830	Nov. 15, 1977	Culnet et al.	358/16	
	4,068,264	Jan. 10, 1978	Pires	358/122	
	4,079,419	Mar. 14, 1978	Hegle et al.	358/153	
	4,081,612	Mar. 28, 1978	Hafner	179/15BA	
	4,081,753	Mar. 28, 1978	Miller	325/396	
	4,081,831	Mar. 28, 1978	Tang et al.	358/114	
	4,091,417	May 23, 1978	Nieson	358/117	
	4,104,486	Aug. 1, 1978	Martin et al.	179/2	
	4,107,735	Aug. 15, 1978	Frohbach	358/1	
	4,112,464	Sept. 5, 1978	Gulf et al.	358/122	
	4,115,662	Sept. 19, 1978	Culnet et al.	179/15BV	
	4,115,807	Sept 19, 1978	Pires	358/122	
	4,120,030	Oct. 10, 1978	Johnstine	364/200	
	4,130,833	Dec. 19, 1978	Chomet	358/122	
	4,131,881	Dec. 26, 1978	Robinson	340/167R	
	4,138,726	Feb. 6, 1979	Cirault et al.	364/521	

EXAMINER

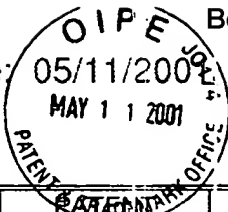
DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 509; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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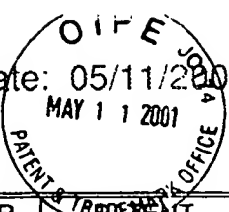
Serial No. 08/498,002

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	3,970,790	July 20, 1976	Guanella	380/36	March 7, 1974
	3,978,449	August 31, 1976	Sanders et al.	714/823	January 27, 1975
	3,987,398	October 19, 1976	Fung	725/127	July 5, 1974
	3,988,528	October 26, 1976	Yanaginachi et al.	348/24	August 27, 1973
	3,990,050	November 2, 1976	Koleris et al.	710/23	September 25, 1974
	3,993,955	November 23, 1976	Belcher et al.	725/33	April 25, 1975
	3,997,718	December 14, 1976	Ricketts et al.	725/114	November 11, 1974
	4,008,369	February 15, 1977	Theuer et al.	725/3	February 28, 1975
	4,024,574	May 17, 1977	Nelson	380/232	February 26, 1975
	4,025,947	May 24, 1977	Michael	348/705	May 28, 1974
	4,025,948	May 24, 1977	Lushin	380/228	February 25, 1975
	4,048,619	September 13, 1977	Forman, Jr. et al.	370/485	September 17, 1976
	4,049,906	September 20, 1977	Hafner et al.	178/2C	April 21, 1976
	4,052,737	October 4, 1977	Robertson et al.	725/138	July 9, 1976
	4,058,830	November 15, 1977	Gulnet et al.	380/212	June 3, 1976
	4,064,490	December 20, 1977	Nagel	709/227	September 10, 1975
	4,068,264	January 10, 1978	Fires	380/233	July 19, 1976
	4,079,419	March 14, 1978	Siege et al.	348/732	October 29, 1975
	4,081,612	March 28, 1978	Hafner	370/393	July 14, 1976
	4,081,753	March 28, 1978	Miller	455/158.2	December 13, 1976
	4,091,417	May 23, 1978	Nelson	380/232	February 23, 1977
	4,104,486	August 1, 1978	Martin et al.	379/106.06	June 29, 1976
	4,112,464	September 5, 1978	Gul et al.	380/241	May 11, 1977
	4,115,662	September 19, 1978	Gulnet et al.	380/212	September 6, 1977
	4,115,807	September 19, 1978	Fires	380/233	November 1, 1976
	4,120,030	October 10, 1978	Johnstine	713/190	March 11, 1977
	4,130,833	December 19, 1978	Chen et al.	380/220	April 11, 1977
	4,138,726	February 26, 1979	Grahl et al.	345/113	June 29, 1977
	4,160,120	July 3, 1979	Barnes et al.	380/29	November 17, 1977
	4,161,751	July 17, 1979	Ost	725/25	May 19, 1977
	4,163,254	July 31, 1979	Block et al.	380/233	February 14, 1977
	4,163,255	July 31, 1979	Fires	380/233	June 15, 1978
	4,168,396	September 18, 1979	Best	713/190	October 31, 1977
	4,170,782	October 9, 1979	Miller	725/14	October 28, 1977
	4,171,513	October 16, 1979	Ote et al.	380/43	July 22, 1969
	4,172,213	October 23, 1979	Barnes et al.	380/29	November 17, 1977
	4,186,413	January 29, 1980	Motimer	348/473	November 14, 1977
	4,196,310	April 1, 1980	Forman et al.	380/46	November 3, 1977
	4,200,770	April 29, 1980	Hallman et al.	380/30	September 6, 1977
	4,200,913	April 29, 1980	Kuhar et al.	341/23	April 13, 1977
	4,215,366	July 29, 1980	Davidson	380/235	April 24, 1979
	4,215,370	July 29, 1980	Kirk, Jr.	375/240.01	February 22, 1978
	4,225,967	September 3, 1980	Miwa et al.	455/68	January 9, 1978
	4,232,193	November 4, 1980	Gerard	380/36	May 3, 1978
	4,236,217	November 25, 1980	Kennedy	702/61	April 20, 1979

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	4,237,484	December 2, 1980	Brown et al.	375/240.12	August 8, 1979
	4,237,486	December 2, 1980	Simp	348/475	November 9, 1978
	4,245,246	January 13, 1981	Cheung	380/235	August 3, 1978
	4,247,106	January 27, 1981	Jeffers et al.	463/29	April 12, 1978
	4,250,489	February 10, 1981	Dudash et al.	340/825.02	October 31, 1978
	4,250,521	February 10, 1981	Wright	348/616	June 19, 1979
	4,250,524	February 10, 1981	Tonizawa	380/232	February 22, 1979
	4,251,691	February 17, 1981	Kakihara et al.	348/14.01	December 1, 1978
	4,253,114	February 24, 1981	Tang et al.	380/212	September 26, 1978
	4,253,157	February 24, 1981	Kirschner et al.	707/104	September 29, 1978
	4,262,329	April 14, 1981	Bright et al.	713/164	March 27, 1978
	4,264,925	April 28, 1981	Freeman et al.	725/138	August 13, 1979
	4,266,243	May 5, 1981	Shutterly	380/236	April 25, 1979
	4,275,411	June 23, 1981	Loppel	348/472	April 19, 1978
	4,283,602	August 11, 1981	Adams et al.	380/41	September 23, 1968
	4,284,976	August 18, 1981	Gabe et al.	340/825.43	June 7, 1979
	4,286,281	August 25, 1981	Suzuki	386/12	September 26, 1979
	4,287,592	September 1, 1981	Paulish et al.	370/403	May 23, 1979
	4,288,809	September 8, 1981	Yabe	348/468	May 21, 1980
	4,290,141	September 15, 1981	Anderson et al.	725/24	July 2, 1979
	4,295,223	October 13, 1981	Shutterly	455/72	April 25, 1979
	4,302,771	November 24, 1981	Gargini	725/119	July 23, 1980
	4,304,990	December 8, 1981	Aalla	380/45	February 4, 1980
	4,305,131	December 8, 1981	Eesti	345/327	March 31, 1980
	4,306,289	December 15, 1981	Lumley	713/190	February 4, 1980
	4,306,305	December 15, 1981	Do et al.	714/755	October 19, 1979
	4,307,446	December 22, 1981	Barton et al.	710/131	May 2, 1979
	4,310,854	January 12, 1982	Eaer	348/484	August 28, 1979
	4,312,016	January 19, 1982	Glaab et al.	348/706	February 2, 1979
	4,313,132	January 26, 1982	Doles et al.	725/26	October 31, 1979
	4,314,367	February 2, 1982	Bakla et al.	370/422	January 17, 1980
	4,316,055	February 16, 1982	Fristel	380/37	December 30, 1976
	4,316,245	February 16, 1982	Lut et al.	709/106	December 7, 1978
	4,317,215	February 23, 1982	Tabala et al.	725/131	September 11, 1979
	4,318,125	March 2, 1982	Shutterly	380/236	April 25, 1979
	4,319,079	March 9, 1982	Eesti	713/190	January 17, 1980
	4,322,745	March 30, 1982	Saei et al.	380/242	March 21, 1980
	4,323,921	April 6, 1982	Grillou	705/53	January 23, 1980
	4,323,922	Apr. January 6, 1982 den	de Toonder et al.	380/226	December 17, 1979
	4,325,078	April 13, 1982	Seaton et al.	380/230	November 20, 1979
	4,329,675	May 11, 1982	Mar Hulle	725/32	September 23, 1980
	4,329,684	May 11, 1982	Monteath et al.	345/180	January 15, 1980
	4,330,794	May 18, 1982	Shewood	380/206	February 25, 1980
	4,332,980	June 1, 1982	Reynolds et al.	370/259	May 30, 1980
	4,334,242	June 8, 1982	Mangold	386/46	January 14, 1980

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4,336,553	June 22, 1982	den Toonder et al.	380/206	May 14, 1980
	4,336,559	June 22, 1982	Koyama et al.	260/73.05	November 9, 1978
	4,337,480	June 29, 1982	Bouras sin et al.	348/552	February 8, 1980
	4,338,628	July 6, 1982	Payre et al.	380/213	December 19, 1979
	4,339,798	July 13, 1982	Hedgcs et al.	463/26	December 17, 1979
	4,340,903	July 20, 1982	Tamura	348/187	August 6, 1980
	4,343,042	August 3, 1982	Schrock et al.	725/116	June 9, 1979
	4,347,498	August 31, 1982	Lee et al.	340/825.02	November 21, 1979
	4,347,532	August 31, 1982	Krver	348/565	October 14, 1980
	4,353,088	October 5, 1982	den Toonder et al.	380/206	May 14, 1980
	4,354,201	October 12, 1982	Sechat et al.	380/228	June 11, 1980
	4,360,828	November 23, 1982	Briggs, Jr. et al.	725/114	August 7, 1978
	4,361,851	November 30, 1982	Asip et al.	725/14	January 4, 1980
	4,361,877	November 30, 1982	Dye et al.	702/176	February 5, 1980
	4,364,081	December 14, 1982	Hashimoto et al.	348/617	April 16, 1981
	4,365,110	December 21, 1982	Lee et al.	380/28	June 5, 1979
	4,367,548	January 4, 1983	Cotten, Jr. et al.	359/125	April 10, 1980
	4,367,557	January 4, 1983	Stern et al.	725/149	May 25, 1979
	4,368,483	January 11, 1983	Liu	348/617	June 22, 1981
	4,368,486	January 11, 1983	Degoulet et al.	348/598	February 25, 1981
	4,374,437	February 15, 1983	Citta et al.	455/164.2	December 29, 1980
	4,375,579	March 1, 1983	Davica et al.	380/28	January 30, 1980
	4,375,651	March 1, 1983	Tempin et al.	348/73.1	July 27, 1981
	4,378,470	March 29, 1983	Murto, et al.	379/93.05	March 25, 1981
	4,379,205	April 5, 1983	Wyrner	380/28	June 22, 1979
	4,385,324	May 24, 1983	Shiocca et al.	348/781	November 16, 1981
	4,388,643	June 14, 1983	Amietzah	380/239	April 6, 1981
	4,388,645	June 14, 1983	Gox et al.	348/468	April 13, 1981
	4,388,644 4/4	June 14, 1983	Shyman et al.	361/93.6	August 3, 1981
	4,389,671	June 21, 1983	Posner et al.	380/235	September 29, 1980
	4,390,898	June 28, 1983	Bonl et al.	380/241	March 23, 1981
	4,394,691	July 19, 1983	Amaro et al.	348/734	July 30, 1981
	4,394,762	July 19, 1981	Nabushima	714/758	January 6, 1981
	4,395,757	July 26, 1983	Bienvenu et al.	709/104	April 14, 1981
	4,396,915	August 2, 1983	Fainsworth et al.	340/870.03	March 31, 1980
	4,396,946	August 2, 1983	Bond	380/226	March 23, 1981
	4,396,947	August 2, 1983	Cheung	380/222	March 26, 1980
	4,398,216	August 9, 1983	Field et al.	380/238	September 19, 1980
	4,400,587	August 23, 1983	Taylor et al.	379/113	August 25, 1981
	4,405,942	September 20, 1983	Block et al.	380/214	March 3, 1982
	4,410,917	October 18, 1983	Newdell et al.	360/15	September 14, 1981
	4,413,339	November 1, 1983	Riggle et al.	714/765	July 24, 1981
	4,415,771	November 15, 1983	Martinez	379/43	April 3, 1981
	4,422,093	December 20, 1983	Parce, Jr.	725/115	January 27, 1983
	4,424,532	January 3, 1984	den Toonder et al.	380/226	May 9, 1983

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EXAMINER INITIAL	PATENT NUMBER	PATENT DATE	NAME	CLASS/ SUBCLASS	FILING DATE*
	4 532,540	07/30/85	Wine	358/12	03/28/83
	4 532,547	07/30/85	Bennett	358/148	
	4 533,948	08/06/85	McNamara et al.	358/122	
	4 533,949	08/06/85	Fujimura et al.	358/122	
	4 535,355	08/13/85	Am et al.	358/123	
	4 538,174	08/27/85	Gargini et al.	358/86	
	4 539,676	09/03/85	Lucas	370/60	
	4 540,849	09/10/85	Oliver	179/2 AM	
	4 543,616	09/24/85	Brooks	358/335	
	4 544,963	10/01/85	Jacoby et al.	360/40	
	4 546,382	10/08/85	McKenna et al.	358/84	
	4 546,387	10/08/85	Glaab	358/186	
	4 547,804	10/15/85	Greenberg	358/142	03/21/83
	4 550,407	10/29/85	Coussnon et al.	371/29	
	4 553,252	11/12/85	Legendorf	377/15	
	4 554,418	11/19/85	Toy	179/2 DP	
	4 554,584	11/19/85	Eam et al.	358/165	
	4 558,464	12/10/85	O'Brien, Jr.	455/4	
	4 562,305	12/31/85	Chou et al.	178/22.08	
	4 562,465	12/31/85	Glaab	358/120	
	4 562,495	12/31/85	Bond et al.	360/78	
	4 563,702	01/07/86	Haller et al.	358/119	
	4 566,030	01/21/86	Nickerson et al.	358/84	
	4 566,034	01/21/86	Harger et al.	358/194.1	
	4 567,512	01/28/86	Abraham	358/86	
	4 570,930	02/18/86	Matheson	273/1 E	
	4 573,072	02/25/86	Freeman	358/86	
	4 573,151	02/25/86	Jotwani	370/56	
	4 574,305	03/04/86	Campbell et al.	358/86	
	4 575,750	03/11/86	Callahan	358/86	
	4 577,289	03/18/86	Comerford et al.	364/900	
	4 578,533	03/25/86	Cliver et al.	179/2 AM	
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	4 584,641	04/22/86	Guglielmino	364/200	
	4 586,134	04/29/86	Norsted	364/200	
	4 588,991	05/13/86	Atalla	340/825.31	
	4 589,064	05/13/86	Chiba et al.	364/200	
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	4 591,664	05/27/86	Freeman	179/6.06	
	4 591,906	05/27/86	Morales-Garza et al.	358/84	
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /A.S./

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